CITY OF FAYETTEVILLE, ARKANSAS LARGE SCALE DEVELOPMENT

FOR STAFF USE ONLY LSD FEE: \$200.00 - \$800.00 Sign FEE: \$5.00 per sign Tech Plat Resubmittal FEE: \$200/resubmittal Tree Preservation FEE: \$120.00 Date Application Submitted: Date Accepted as Complete: *S-T-R:* Project Number: *PP#:* Public Hearing Date: Zone:

Please fill out this form completely, supplying all necessary information and documentation to support your request. *Your application will not be placed on the Planning Commission agenda until this information is furnished.*

APPLICATION: Indicate one contact person for the	his request:	Applicant	Representative
Applicant (person making request)):	Representativ	e (engineer, surveyor, realtor, etc.):
Name:		Name:	
E-mail:		E-mail:	
Address:		Address:	
Phone:		Phone:	
Fax:		Fax:	
Site Address / Location:			
Current Zoning District:			
Date of Preliminary Plat:			
Assessor's Parcel Number(s) for pr	operty:		
Total Acreage:	_Number of Lots:	Numl	ber of Dwelling Units:
FINANCIAL INTERESTS The following entities and / or peop	ple have financial inter	rest in this project:	

LSD Checklist:

Attach the following items to this application:

(1)	Payment in full of applicable fees for LSD	processing the application:	
	Non-Residential	Non-residential (5000 square feet or less)	\$400.00
		Non-residential (More than 5000 square feet)	\$800.00
	Residential	Residential (10 residential units or less)	\$200.00
		Residential (25 residential units or less)	\$400.00
		Residential (More than 25 residential units)	\$800.00
	Technical Plat Resubmittal (tabled	items only)	\$200.00 per
	Tree Preservation		\$120.00
	Public Notification Sign Fee (per s	ign)	\$5.00

- (2) Correspondence in the form of a written letter to Planning Staff describing the scope, nature and intent of the proposal. Variances from requirements of the Unified Development Code will be reviewed and processed in accordance with the procedures set forth therein. Please indicate in the letter to staff if any variances are sought and if so, justification for the request. Most variances require a Planning Commission decision.
- (3) A copy of the county parcel map from the Washington County Assessor's office or from the Washington County website (www.co.washington.ar.us). The subject property and all adjacent parcels should be identified on this parcel map. The owner's name, official mailing address, and the parcel number for every adjacent property shall be shown on this map.
- (4) A copy of the written decision from the Parks and Recreation Advisory Board regarding park land dedication requirements (residential projects only).

- (5) One (1) hard copy and one (1) digital copy in PDF format on CD of the proposed LSD site, landscaping, grading, utility, tree preservation plans, signed application, and all other items submitted with this project. These plans should include all required information for a LSD listed on the Plat Requirements checklist in Section 166.02 of the Fayetteville Unified Development Code. These requirements are listed on the Plat Requirements checklist pages in this application.
- (6) One (1) hard copy and one (1) digital copy in PDF format on CD of color elevations showing all four sides of each proposed building (commercial and residential) with cardinal directions. Additional elevations and large elevations boards will be due with each submittal.
- (7) One material sample board, calling out proposed building materials, colors, etc., as indicated on the color elevations.
- (8) One (1) digital copy in PDF format of the Drainage Report or Drainage Letter (if exempt from Drainage Criteria Manual requirements). No hard copy required.
- (9) Completed Tree Preservation forms and application (see attached).
- (10) Completed LSD application (attached), signed by current property owner of record or written verification signed by such owner designating a project representative.
- (11) The applicant is responsible for meeting the public notification requirements for a large scale development listed on the Notification Requirements pages in this application.
- (12) Completed Fire Department Technical Plat Review Form (see Planning website-applications)

LSD PLAT REQUIREMENTS CHECKLIST

(Fayetteville UDC Section 166.03)

- 1 Name, address, zoning and property lines of all property owners adjacent to the exterior boundaries of the project.
- 2 Name, address, telephone numbers of owner(s), developer(s) and project representatives
- 3 North arrow, scale (graphic and written), date of preparation, zoning classification, and proposed use.
- 4 Title block located in the lower right hand corner indicating the name and type of project, scale, firm or individual preparing drawing, date and revisions.
- 5 Provide a complete and accurate legend.
- A vicinity map of the project with a radius of 1.5 miles from the project. This map shall include any Master Street Plan streets as well as the 100 year flood plain boundary.
- The drawing shall depict any future R.O.W. needs as determined by the AHTD and Master Street Plan. Future R.O.W. as well as existing R.O.W. and center lines should be shown and dimensioned.
- 8 The location of all existing structures.
- 9 Site coverage note indicating the percentage of site that is covered by both buildings and surfaced area.
- Written legal descriptions including area in square feet or acres that read clockwise (Note: If the project is contained in more than one tract, the legal for each individual tract and a total tract description must be provided.)
- Boundary survey of the property shown on the plat. The surveyor shall seal, sign and date the survey. The survey shall be tied to state plane coordinates.
- Provide a benchmark, clearly defined with an accuracy of 1/100'. This benchmark must be tied to USC & GS Datum. Benchmarks include but are not limited to the following: fire hydrant, man hole, etc.
- 13 Point-of-beginning from a permanent well-defined reference point. This P.O.B. shall be clearly labeled on the drawing.
- 14 Each plat shall have 2 points described in State Planes Coordinates, Arkansas, North, North American Datum, 1983 (NAD 83)
- 15 Curve data for any street which forms a project boundary.
- 16 Show 100-yr floodplain and/or floodway and based flood elevations. Reference FIRM panel number and effective date.
- Note regarding wetlands, if applicable. Note if Army Corps of Engineers determination is in progress.
- 18 Existing and proposed topographic information with source of the information noted. Show:
 - a. Two foot contour intervals for ground slope between level and ten percent.
 - b. Five foot contour interval for ground slope exceeding ten percent.
- 19 Spot elevations at grade breaks along existing round centerlines, gutter lines and top of curbs or edge of pavement.
- 20 Contours of adjacent land within 100 feet of the project shall also be shown.
- 21 Delineate trees to be retained on-site and the measures to be implemented for their protection.
- 22 Clearly depict the limits of soil disturbance to include all areas to be graded both on and off-site.
- 23 Show proposed location of all utilities.
- 24 Landscape proposals for parking lots and/or tree replacement requirements shall include proposed plant species and size. Existing and proposed utility lines shall be shown on the plan. State the method for irrigating the plant material on the plan. When an ordinance requires shrubs or other screening material, show the layout of planting beds.

- 25 Show on the drawing all known on-site and off-site existing utilities and easements (dimensioned) and provide the structure's locations, types, and condition and note them as "existing" on the plat.
- Existing easements shall show the name of the easement holder, purpose of the easement, and the book and page number for the easement. If an easement is blanket or indeterminate in nature, a note to this effect shall be placed on the plat or plan.
- 27 Show all storm sewer structures, sanitary sewer structures and drainage structures:
 - a. Provide structure locations and types.
 - b. Provide pipe types and sizes.
- 28 Sanitary sewer systems:
 - a. Provide pipe locations, sizes, and types; and service location.
 - b. Manhole locations of rim and invert elevations
- 29 Note the occurrence of any previous overflow problems on-site or in the proximity of the site.
- 30 If a septic system is to be utilized, provide a table of acreage and percolation rates.
- 31 Water systems, on or near the site:
 - a. Provide pipe locations, types, and sizes; and service location.
 - b. Note the static pressure and flow of the nearest hydrant if requested.
 - c. Show location of proposed fire hydrants and meters.
- 32 Underground or surface utility transmission lines: (Note: This category includes, but is not limited to Telephone, Electrical, Natural Gas, and TV Cable):
 - a. Locations of all related structures (pedestals, poles, etc.)
 - b. Locations of all lines (note whether the line is below or above ground).
 - c. A note shall be placed where streets will be placed under the existing overhead facilities and the approximate change in grade for the proposed street.
- 33 State the width, location, and purpose of all proposed easements or rights of way for utilities, drainage, sewers, flood control, ingress/egress or other public purposes within and adjacent to the project.
- 34 The location, widths, grades, and names of all existing and proposed streets (avoid using first names of people for new streets), alleys, paths, and other rights-of- way, whether public or private, within and adjacent to the project; private easements within and adjacent to the project; and the radius of each centerline curve. Private streets shall be clearly indicated and named. Names of streets should be approved by the 911 Coordinator.
- A layout of adjoining property (within 300') in sufficient detail to show the effect of proposed and existing streets (including those on the master street plan), adjoining lots, and off-site easements. This information can be obtained form the Master Street Plan, Aerial Photos, and the City Plat Pages located in the Planning Office if requested.
- 36 The location of all existing and proposed street lights (at every intersection, cul-de-sac & every 300' and associated easements to serve each light).
- 37 Provide a note of any known existing erosion problems on-site or within 300' downstream of the property.
- 38 The location of known existing or abandoned water wells, sumps, cesspools, springs, water impoundments, and underground structures within the project.
- 39 The location of known existing or proposed ground leases or access agreements, if known. (e.g. shared parking lots, drives, areas of land that will be leased)
- The location of all known potentially dangerous areas, including areas subject to flooding, slope stability, settlement, excessive noise, previously filled areas and the means of mitigating the hazards (abatement wall, signage, etc.).
- The boundaries, acreage, and the use of existing and proposed public areas in and adjacent to the project. If land is to be offered for dedication for park and recreation purposes it shall be designated.
- 42 For large scale residential development, indicate the use and list in a table the number of units and bedrooms.
- For large scale non-residential development, indicate the gross floor area, and if for multiple uses, the floor area devoted to each type of use.
- 44 The location and size of existing and proposed signs, if any.
- 45 The location and number of bike racks provided and required.
- Location, size, surfacing, landscaping, and arrangement of parking and loading areas. Indicate pattern of traffic flow; include a table showing required, provided, and handicapped accessible parking spaces.
- 47 Location and width of curb cuts and driveways. Dimension all driveways and curb cuts from side property line and surrounding intersections.
- 48 Location of buffer strips, fences or screen walls, where required (check Unified Development Code for specific requirements)
- 49 Indicate location and type of garbage service. Dimension turnaround area at dumpster location.
- 50 A description of commonly held areas, if applicable.
- 51 Draft of covenants, conditions, and restrictions, if any.

- 52 A written description of requested waivers or variances.
- 53 Show required building setbacks. Provide a note on the plat of the current setback requirements for the subdivision. A variance is necessary from the Board of Adjustment for proposed setbacks less than those set forth in the zoning district.
- 54 Preliminary grading and drainage plans and reports as required in the City Engineer's Office.
- Any other data or reports as deemed necessary for project review by the Zoning and Development Administrator, City Engineer or Planning Commission.

Prior to the issuance of a building permit for a large scale development the following items are required.

- a. An easement plat shall be filed of record in the office of the circuit clerk dedicating all required easements and rights-of-way.
- b. Grading and drainage permits
- c. Project disk with all final revisions in AutoCAD format.
- d. No permitting will be authorized until after a preconstruction meeting has been held with the Urban Forester and Staff Engineer. It is the consulting engineer's responsibility to schedule this meeting
- e. Completion of all required improvements or the placement of a surety with the City (letter of credit, bond, escrow) as required by '158.01 A Guarantees in Lieu of Installed Improvements to guarantee all incomplete improvements. Further, all improvements necessary to serve the site and protect public safety must be completed, not just guaranteed, prior to the issuance of a Certificate of Occupancy.

The Zoning & Development Administrator and City Engineer may waive any of these application requirements when, in their discretion, any such requirement is not necessary due to the nature of the proposed project, or other circumstances justify such waiver. A pre-application conference may be arranged and is encouraged to review the proposed project and discuss the checklist requirements.

(Note: As this request goes through the review process, revised copies of the project plans, and elevations, if applicable, will be required (see 'materials required for submittal' notice.)

NOTIFICATION REQUIREMENTS

Written Notification Process:

- (1) The applicant shall mail a written notice of the hearing by first-class mail to the address of each adjacent landowner as such address is shown in the records of the Washington County Assessor's Office. Adjacent landowners include those across street rights-of-way, excluding interstates.
 - a. PZD applicants must notify property owners in writing within 100 feet of the perimeter of the PZD.
 - b. CUP applications for special uses must notify all property owners in writing within 500 feet of the perimeter of the property. CUP special uses include: Dance halls; Facilities emitting odors and facilities handling explosives; wireless communication facilities; carnival, circus, amusement park or similar temporary openair enterprise; manufactured and mobile homes; outdoor music establishments; sexually oriented business.
- (2) By the revision submittal prior to the public hearing, the applicant shall provide the following to the Planning Division (contact staff planner for submittal deadline):
 - a. alphabetical list of the landowners receiving notification (County Assessor's Office)
 - b. map showing the landowners' relationship to the site (County Assessor's Office)
 - c. copy of the notice sent to the landowners (example attached)
 - d. certificate of mailing (example attached)

Sign Posting Process:

- (1) Signs shall be made available to the applicant by the Planning Division. A \$5 fee per sign shall be remitted by the applicant (contact staff planner for date to pick up sign).
 - a. The applicant shall post notice on the land for which the use is requested in a visibly prominent location no more than ten (10) feet from the street, and shall not impede the vision of drivers or pedestrians.
 - b. The staff planner may require an alternate location where the property is not adjacent to a street.
 - c. Additional signs may be required by the staff planner.
- (2) By the revision submittal prior to the hearing, the applicant shall post the sign and submit a certificate of sign posting to the Planning Division. The sign(s) shall be photographed by the applicant and attached to the certificate (example attached).
- (3) The Planning Division will be responsible for retrieval of signs after the hearing; if a hearing is postponed, the applicant will be notified when a new sign has been created. The applicant shall then be responsible for posting the new date of the hearing in accordance with the criteria herein.

THIS IS AN EXAMPLE ONLY - DO NOT USE THIS SHEET

CERTIFICATE OF MAILING

I hereby certify tha	at a true and correct copy of the	e attached writter	n notice was placed i
the U.S. mail, first	-class, postage prepaid this	day of	, 20, and
addressed as follo	ows:		
Name: Street: City, State, Zip: Name: Street:			
City, State, Zip: Name: Street: City, State, Zip:			
Name: Street: City, State, Zip:			
(name of person o	completing the mailing)		
(signature of perso	on completing the mailing)		
	O''		
	City File No./Name:		

THIS IS AN EXAMPLE ONLY - DO NOT USE THIS SHEET

WRITTEN NOTIFICATION FORM

Project Description: The applicant <u>Name</u> proposes a <u>Type of Development</u> at <u>Project Address</u> .
Building/land Use:
Zoning:
Size of Property:
Density/Intensity:
Public Hearings:
Subdivision Committee; 9:00 AM; <u>Month/Date/Year</u> ; 113 West Mountain Street (City Administration Building Room 326) Fayetteville, AR 72701
Planning Commission; 5:30 PM; <u>Month/Date/Year;</u> 113 West Mountain Street (City Administration Building Room 219) Fayetteville, AR 72701
Property Owner: Name:
Developer: Name: Phone #:
Review Location:

Review Location:

The project information is available for public review at the City of Fayetteville Planning Division, 125 West Mountain Street, Fayetteville, AR 72701 Monday-Friday 8AM-5PM; 479.575.8267.

THIS IS AN EXAMPLE ONLY - DO NOT USE THIS SHEET

CERTIFICATE OF SIGN POSTING

	(attach photo here) (sign lettering must be legible in photo)	
I	(print the name of the	
	e/person posting sign), attest that the above	
	onth/day/year) adjacent to	e sign was posied on
	(name of street).	
(signature of person cor	mpleting the sign posting)	
City File No./Name:		



THE CITY OF FAYETTEVILLE, ARKANSAS

113 W. Mountain St. Fayetteville, AR 72701 Telephone: (479) 444-3470

PARKS AND RECREATION DIVISION

Prospective Applicant,

As Urban Forester for the City of Fayetteville it is my duty to uphold all City Ordinances regarding the protection and preservation of trees, and the design of landscapes. I am responsible for the review of proposed development projects to ensure that each fully complies with applicable ordinances.

Fayetteville law requires that tree preservation be made a priority for new development (see §167.01). All plans require a site analysis, analysis report, tree preservation plan with preliminary plat or site plan. Criteria used to evaluate the preservation of trees is found in section §167.04B of the Tree Preservation Ordinance.

Specified minimum canopy cover is also required for all subdivisions, large scale developments, and commercial developments. The minimum canopy percentage of a land area required to be preserved is dependent on that areas zoning designation (see §167.04 Table 1). All proposed designs must meet these minimum requirements with priority being given to the preservation of existing priority trees to meet these requirements (see §167.04E). If preserved canopy cover falls below these requirements mitigation will be needed (see §167.04I).

Please familiarize yourself with these and other requirements found in the Tree Protection and Preservation Ordinance, as well as the Landscape Regulations Ordinance in the City's Development Manual. You may request a copy of the City's Landscape Manual to answer any further questions or contact this office. It is your obligation to know and meet all city requirements. The Urban Foresters job is to ensure your project complies with these requirements. In order to effectively move through the City's tree preservation process it is recommended that prospective applicants meet with the Urban Forester for an initial site review prior to site design.

John Scott Urban Forester 113 West Mountain Fayetteville, AR 72701 (479)444-3470 jscott@fayetteville-ar.gov Lee Porter Urban Forester 113 West Mountain Fayetteville, AR 72701 (479) 444-3486 lporter@fayetteville-ar.gov

Tree Protection and Preservation Ordinance Requirements and Procedures: §167.04 (H)

Applicability:

- New residential and non-residential subdivisions
- Large scale developments
- Building Permits within the Hillside Hilltop Overlay District
- Non residential construction requiring Building Permit
- Building Permits for residential construction of 3 units or more
- All Grading Permits (excluding all single family and duplex lots)

Procedural Requirements

- Early review of the projects conceptual design with the Urban Forester to determine the areas on the project where tree preservation is recommended.
- \$120.00 fee payment is required for all developments unless trees do not exist on site in which case a waiver form is required.
- Submit 2 copies of the Site Analysis and Analysis Report to the Urban Forester at the time plans are submitted to the Planning Department – this step is not required for Grading or Building Permits.
- Submittal of a tree preservation plan.
- After Plat Review and Subdivision Committee, a staff recommendation is forwarded to the planning commission.
- Upon approval of the development by the Planning Commission, further review is required when construction documents are submitted to the engineering dept.
- Preconstruction meeting scheduled by engineering includes review of tree preservation with the contractor and developer.
- On-site inspection of tree preservation during construction
- Completion of the project

Abbreviated Tree Preservation Plan

The current Tree Ordinance states that "there shall be no land disturbance, grading or tree removal until a Tree Preservation Plan has been submitted and approved, and the tree protection measures at the site inspected."

Applicability: §167.04 (H) (3)

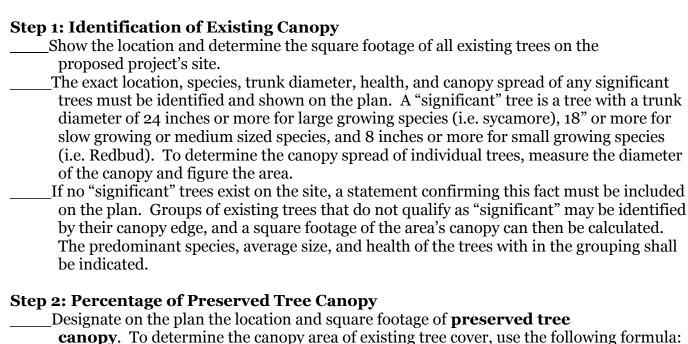
 An Abbreviated Tree Preservation Plan can be submitted for all building permits within the Hillside Hilltop Overlay District and development that does not fall under the requirements of Large Scale Developments or Subdivisions

Purpose:

The purpose of the Tree Preservation Plan is to provide a plan that delineates tree preservation areas and details measures to be taken to ensure protection and survivability of trees to be saved prior to and during construction. The Abbreviated Tree Preservation Plan is an informal version of the Tree Preservation Plan, allowing the developer to submit a hand drawn version.

Tree Preservation Plan Requirements

It is suggested that all projects with existing trees should be reviewed with the Urban Forester prior to site design to determine the extent of tree preservation required. The tree preservation plan can be combined with the proposed project's grading plan, but the plan must be titled Grading Plan/Tree Preservation Plan.



$$\frac{\mathbf{E} \mathbf{T}}{\mathbf{S}} = \mathbf{Canopy \%}$$

ET = Total canopy of existing trees in square feet

S = Total square footage of site

REMINDER: Preservation areas must be areas that can remain entirely undisturbed at all stages of construction. If you cannot design the project to meet the minimum canopy requirement, STEP 5 describes the tree mitigation/off-site alternatives option. This option must be pre-approved by the Urban Forester.

Step 3: Tree Canopy Table

___In a table format, label the total percent of:

- A) Existing Canopy
- B) Total Canopy to be Preserved
- C) Total Canopy to be Removed
- D) Mitigation Canopy if approved

Note: Canopy is to be calculated as a percentage of the total acreage of the entire property.

Step 4: Preservation Method Specifications

____Show a distinctive graphic line for the barrier fencing, along the dripline* or ten feet from the trunk (whichever is greater), around all tree preservation areas.

tips of the tree by Include a specific fencing. See the Show the location grading and draw for tree preserved Identify on-site a on-site parking	an imaginary vertical line that extends downward from the outermost ranches to the ground. ation drawing to show the method and materials used for preservation page # () for examples. of all existing and proposed utilities, and all areas affected by mage. REMINDER : Utility easements shall not be counted as areas tion. reas for the delivery and storage of construction materials, cement truck wash-out, and soil stockpiles. aulching, aeration, or other procedures are required, please indicate
Be sure the proje Engineer, is coo preservation are	rading, and Subsequent Construction Plans et's final drainage & grading plan, submitted for approval to the City rdinated with your tree preservation plan. Cut or fill within tree has is not permitted and the drainage & grading permit for the proposed he issued unless it is in accordance with the tree preservation plan.
Indicate on the T short of the presNumber of trees removed and th See guidelines iNumber of trees	the size and species, and the location of all on-site mitigation trees be contributed to the tree fund if utilized for Off-Site Alternatives
Prior to starting barriers as specIf applicable, roo prior to any distIn order for the pavoid potential trees designatedPreserved trees	of Tree Preservation Areas During Construction onstruction of the project, you are required to construct protection fied on the tree preservation plan, around all tree preservation areas. pruning, trimming, or other preservation activities will be required urbance to the site unless expressly allowed by the Urban Forester. roject to remain in compliance with the Tree Ordinance, and to the stop work orders, you must maintain the protection of all "preserved" on the approved tree preservation plan. In the preservation areas are to be indicated on the utility plans an alert contractors of areas that require preservation.
Compliance with verified by the UIf applicable, any must be compleIf utilizing the N Easement must	the Tree Ordinance during construction must be maintained and rban Forester during periodic site inspections, remedial tree preservation activity, required by the Urban Forester, ed before the acceptance of the final plat or Certificate of Occupancy. nresidential Subdivisions Infrastructure only option, a Tree Preservation clearly depicted on an Easement Plat for Large Scale Developments Plat for non-residential subdivisions. The document must meet the nes:

Tree Preservation Easement Areas: §167.04 (F)(2)(a)

- The tree preservation area must be shown on the plat as it relates to the subject property and must be dimensioned or described by metes and bounds for input into the city GIS system.
- The Tree Preservation Area must be clearly marked on the Easement Plat or Final Plat and include the following language:
- Areas proposed as Tree Preservation Easements must not include any utility easements, right of way, or structures.

Tree Preservation Area

The Tree Preservation Areas as indicated on this easement plat constitute a covenant running with the title of the subject property and is denoted for the property owners and their future successors, assignees or transferees to preserve, protect and maintain existing tree canopy. No tree removal or land disturbance as defined within the City of Fayetteville Unified Development Code may occur within the Tree Preservation Area unless approved by the City of Fayetteville. Persons seeking removal of such Tree Preservation Areas, or requesting to modify the property in such a way as to effect the canopy within, must seek approval from the City Council through a request made by the Urban Forester of the City of Fayetteville

Approved by		Date	
	City of Fayetteville Urban Forester		

Tree Mitigation Form

Project:Developer:					
Location Address:	Engineer:				
It is required that this form be submitted concurrently with the Tree Preservation Plan if mitigation of any kind is sought.					
Canopy measurements: % Tree Canopy: Required to be Preserved					
*Total Area of Site:	Tota	l Area of Existin			
Acres:		Acres:			
Square Feet:	0.4	Square Feet:_			
*Less Master Street Plan ROW and Parkland Dedication	% of	Total Site Area:			
Existing Tree Canopy Preserved: Acres: Square Feet: % of Total Site: Type of Mitigation Pursued: On Site Mitigation Off Site Preserv List Mitigation Species, Caliper, and Quantity of table and on back for figuring quantity and calipe	ation □ Off Site		Tree Fund		
Species	Caliper	Qty.			
			_		

Tree Mitigation Base Density/Off Site Alternatives

When preservation cannot be accomplished and existing canopy is to be removed below minimum canopy requirements, mitigation is required. Before any Mitigation/Off-Site Alternatives are carried out, approval must be granted by the Landscape Administrator. When mitigation is an issue a mitigation form, available from the Landscape Administrator, detailing all proposed actions should be submitted with the Tree Preservation Plan. Mitigation and reforestation densities, preferred species, spacing, and amounts are determined by the tables below.

	Existing High Canopy Propo Removal	•	Existing Mid-Level Existing Low Priority Canopy Canopy Proposed Removal			
Caliper of Replacement Tree	Required # of trees per acre removed	Density Factor	Required # of trees per acre removed	Density Factor	Required # of trees per acre removed	Density Factor
2"	200	218sf	150	290sf	100	436sf

^{*}The Density Factor is a ratio of canopy removed to number of trees replaced

Here are the 5 simple steps on how to calculate the size and number of trees needed for mitigation

- 1. Establish how many acres/square feet of canopy is proposed to be removed on site that falls below the minimum canopy requirement EX: 13,000 square feet of canopy
- 2. Establish the Priority type of the canopy proposed to be removed. EX: High Priority Canopy
- 3. Refer to the table and find Density Factor that correlates with Canopy type removed. EX: High Priority Canopy to be replaced with 2" caliper trees has a Density Factor of 218sf per replacement tree
- 4. Take Density Factor and divide by the square feet of canopy removed to get number of mitigation trees needed.

EX: 13,000 sqft./218 Density Factor = 59.6 or 60 2" caliper trees to be planted

5. On-Site Mitigation is preferred over Off-Site Alternatives. Show the location and species of mitigation trees on the tree preservation plans and submit the Mitigation/Off-Site Alternatives form at time of submittal



PARKS AND RECREATION DIVISION

113 W. Mountain St. Fayetteville, AR 72701 Telephone: (479) 444-3470

TREE PRESERVATION PLAN WAIVER FORM

Date:		
Project Name:		
Project Contact:		
Location:		
Reason for waiver:		
Verification Submitted:		
	Signed by the Urban Forester:	
	Date:	